

RPI-112US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Yiping Zhao et al.

: Attention:

Serial No.: 10/074,937

: Box Missing Parts

Filed: February 12, 2002

: Art Unit: 2874

For: ULTRAFast ALL-OPTICAL SWITCH

: Confirmation No.: 6992

USING CARBON NANOTUBE

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ORIGINALLY FILED

**RESPONSE TO NOTICE TO FILE  
MISSING PARTS OF NONPROVISIONAL APPLICATION**

Assistant Commissioner for Patents

Washington, D.C. 20231

S I R :

Responsive to the Notice dated April 11, 2002, enclosed is the Declaration and Power of Attorney in compliance with 37 C.F.R. § 1.63. Also enclosed are a copy of the Notice and a check in the amount of \$65.00 to cover the required surcharge fee.

Respectfully Submitted,

Kevin R. Casey, Reg. No. 32,117

Attorney for Applicants

KRC/kak

Enclosures: Declaration and Power of Attorney;  
Copy of Notice;  
\$65 Check

Dated: June 11, 2002

Suite 301, One Westlakes, Berwyn  
P.O. Box 980  
Valley Forge, PA 19482

The Assistant Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on:

June 11, 2002



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/074,937	02/12/2002	Yiping Zhao	RPI-112US

RATNER AND PRESTIA  
Suite 301  
One Westlakes, Berwyn  
P.O. Box 980  
Valley Forge, PA 19482-0980



CONFIRMATION NO. 6992

## FORMALITIES LETTER



\*OC000000007852688\*

Date Mailed: 04/11/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION


FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 65.

*A copy of this notice **MUST** be returned with the reply.*

  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

06/19/2002 MBIZUNES 00000091 10074937

01 FC:205

65.00 OP



Please type a plus sign (+) inside this box



31075-15:QGC:164394/nkg/WENMM SB/16 (10-00)

**PROVISIONAL APPLICATION FOR PATENT COVER SHEET**

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c).

INVENTOR(S)					
Given Name (first and middle [if any])	Family Name or Surname		Residence (City and either State or Foreign Country)		
Richard W. Scott M. Jingsong	Citta LoPresto Xia		Oak Park, Illin is Mount Prospect, Illinois Mundelein, Illinois		
<input type="checkbox"/> Additional inventors are being named on the _____ separately numbered sheets attached hereto					
TITLE OF THE INVENTION (280 characters max)					
DATA-DIRECTED FREQUENCY-AND-PHASE LOCK LOOP FOR DECODING AN OFFSET-QAM MODULATED SIGNAL HAVING A PILOT					
Direct all correspondence to: CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number				<div>Place Customer Number Bar Code Label Here</div>	
OR Type Customer Number here					
<input checked="" type="checkbox"/> Firm or Individual Name		Quentin G. Cantrell			
Address		Woodard, Emhardt, Naughton, Moriarty & McNett			
Address		Bank One Center/Tower, Suite 3700, 111 Monument Circle			
City	Indianapolis	State	Indiana	ZIP	46204-5137
Country	U.S.A.	Telephone	(317) 634-3456	Fax	(317) 637-7561
ENCLOSED APPLICATION PARTS (check all that apply)					
<input checked="" type="checkbox"/> Specification	Number of Pages	13	<input type="checkbox"/> CD(s), Number		
<input checked="" type="checkbox"/> Drawing(s)	Number of Sheets	6	<input type="checkbox"/> Other		
<input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76					
METHOD OF PAYMENT OF FILING FEES FOR THIS PROVISIONAL APPLICATION FOR PATENT (check all that apply)					
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.					Filing Fee Amount(\$)
<input checked="" type="checkbox"/> A check or money order is enclosed to cover the filing fees					
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge filing fees or credit any overpayment to Deposit Account Number:	23-3030				\$80.00
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.					
<input checked="" type="checkbox"/> No.					
<input type="checkbox"/> Yes, the name of the U.S. Government agency and the Government contract number are: _____					

Respectfully Submitted,

Date

04/05/2002

SIGNATURE

REGISTRATION NO.  
(if appropriate)

47,469

TYPED or PRINTED NAME Quentin G. Cantrell

Docket Number:

31075-15

TELEPHONE (317) 634-3456

**USE ONLY FOR FILING A PROVISIONAL APPLICATION FOR PATENT**

This collection of information is required by 37 CFR 1.51. The information used by the public to file (and by the PTO to process) a provisional application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 8 hours to complete, including gathering, preparing, and submitting the complete provisional application to the PTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Box Provisional Application, Commissioner for Patents, Washington, D.C. 20231

"Express Mail" label number EV 021094697 US  
Date of Deposit April 5, 2002

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

  
Name of person signing paper or fee